



July 26, 2021

Andy Warnick  
Rosemont Copper Company  
5255 East Williams Circle, Suite W1065  
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TEL (520) 400-0085  
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Work Order No.: 21G0142

RE: Baseline Stormwater Monitoring

Dear Andy Warnick,

Turner Laboratories, Inc. received 1 sample(s) on 07/07/2021 for the analyses presented in the following report.

All results are intended to be considered in their entirety, and Turner Laboratories, Inc. is not responsible for use of less than the complete report. Results apply only to the samples analyzed. Samples will be disposed of 30 days after issue of our report unless special arrangements are made.

The pages that follow may contain sensitive, privileged or confidential information intended solely for the addressee named above. If you receive this message and are not the agent or employee of the addressee, this communication has been sent in error. Please do not disseminate or copy any of the attached and notify the sender immediately by telephone. Please also return the attached sheet(s) to the sender by mail.

Please call if you have any questions.

Respectfully submitted,

Turner Laboratories, Inc.  
ADHS License AZ0066

Elizabeth Kasik  
Laboratory Director

**Client:** Rosemont Copper Company  
**Project:** Baseline Stormwater Monitoring  
**Work Order:** 21G0142  
**Date Received:** 07/07/2021

**Work Order Sample Summary**

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<b>Lab Sample ID</b>	<b>Client Sample ID</b>	<b>Matrix</b>	<b>Collection Date/Time</b>
21G0142-01	D32-070421	Storm Water	07/04/2021 1200

**Client:** Rosemont Copper Company  
**Project:** Baseline Stormwater Monitoring  
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**Case Narrative**

- B1 Target analyte detected in the method blank at or above the method reporting limit.
- B7 Target analyte detected in method blank at or above the method reporting limit. Concentration found in the sample was 10 times above the concentration found in the method blank.
- D5 Minimum Reporting Limit (MRL) is adjusted due to sample dilution; analyte was non-detect in the sample.
- E4 Concentration estimated. Analyte was detected below laboratory Minimum Reporting Limit (MRL) but above MDL.
- E8 Analyte reported to MDL per project specification. Target analyte was not detected in the sample.
- H1 Sample analysis was performed past holding time.
- H3 Sample was received and/or analysis requested past holding time.
- H5 This test is specified to be performed in the field within 15 minutes of sampling; sample was received and analyzed past the regulatory holding time.
- M3 The spike recovery value is unusable since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS/LCSD recovery was acceptable.
- N4 The Minimum Reporting Limit (MRL) verification check did not meet laboratory acceptance limits.
- Q9 Insufficient sample received to meet method QC requirements.
- R12 RPD/RSD exceeded the method acceptance limit. Result less than 5 times the PQL.

All soil, sludge, and solid matrix determinations are reported on a wet weight basis unless otherwise noted.

- ND Not Detected at or above the PQL
- PQL Practical Quantitation Limit
- DF Dilution Factor

**Client:** Rosemont Copper Company  
**Project:** Baseline Stormwater Monitoring  
**Work Order:** 21G0142  
**Lab Sample ID:** 21G0142-01

**Client Sample ID:** D32-070421  
**Collection Date/Time:** 07/04/2021 1200  
**Matrix:** Storm Water

Analyses	Result	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
<b>Hardness, Dissolved-[CALC]</b>								
Hardness, Calcium/Magnesium (As CaCO3) Dissolved	150	22		mg/L	1	07/09/2021 1605	07/16/2021 1328	CR
<b>Hardness-Calculation</b>								
Hardness, Calcium/Magnesium (As CaCO3)	14000			mg/L	10	07/13/2021 0750	07/20/2021 1337	MH
<b>Total Nitrogen (NO2+NO3+TKN)-Calculation</b>								
Nitrogen, Total	9.7			mg/L	1	07/08/2021 1600	07/09/2021 1630	JG
<b>Nitrate + Nitrite Sum-Calculation</b>								
Nitrate and Nitrite Sum	ND	0.10		mg/L	1	07/07/2021 1242	07/07/2021 1444	JG
<b>ICP Dissolved Metals-E 200.7 (4.4)</b>								
Boron	0.10	0.10		mg/L	1	07/09/2021 1605	07/16/2021 1329	CR
Calcium	53	4.0		mg/L	1	07/09/2021 1605	07/16/2021 1328	CR
Iron	ND	0.30		mg/L	1	07/09/2021 1605	07/16/2021 1328	CR
Magnesium	4.1	3.0		mg/L	1	07/09/2021 1605	07/16/2021 1328	CR
Potassium	9.8	5.0		mg/L	1	07/09/2021 1605	07/16/2021 1328	CR
Silica	4.5	0.20		mg/L	1	07/08/2021 1240	07/19/2021 1816	MH
Sodium	ND	5.0		mg/L	1	07/09/2021 1605	07/19/2021 1815	MH
<b>ICP/MS Dissolved Metals-E 200.8 (5.4)</b>								
Aluminum	ND	0.400	D5	mg/L	10	07/09/2021 1605	07/23/2021 1603	CR
Antimony	ND	0.0050	D5	mg/L	10	07/09/2021 1605	07/22/2021 1857	CR
Arsenic	0.0069	0.0050		mg/L	10	07/09/2021 1605	07/22/2021 1857	CR
Barium	0.058	0.0050		mg/L	10	07/09/2021 1605	07/22/2021 1857	CR
Beryllium	ND	0.0025	D5	mg/L	10	07/09/2021 1605	07/23/2021 1603	CR
Cadmium	ND	0.0025	D5	mg/L	10	07/09/2021 1605	07/22/2021 1857	CR
Chromium	ND	0.0050	D5	mg/L	10	07/09/2021 1605	07/22/2021 1857	CR
Cobalt	0.0047	0.0025		mg/L	10	07/09/2021 1605	07/22/2021 1857	CR
Copper	0.013	0.0050		mg/L	10	07/09/2021 1605	07/22/2021 1857	CR
Lead	ND	0.0050	D5	mg/L	10	07/09/2021 1605	07/22/2021 1857	CR
Manganese	0.15	0.0025		mg/L	10	07/09/2021 1605	07/22/2021 1857	CR
Molybdenum	0.012	0.0025		mg/L	10	07/09/2021 1605	07/22/2021 1857	CR
Nickel	0.0056	0.0050		mg/L	10	07/09/2021 1605	07/22/2021 1857	CR
Selenium	ND	0.025	E8	mg/L	10	07/09/2021 1605	07/22/2021 1857	CR
Silver	0.0019	0.0050	E4	mg/L	10	07/09/2021 1605	07/22/2021 1857	CR
Thallium	ND	0.0050	E8	mg/L	10	07/09/2021 1605	07/22/2021 1857	CR
Zinc	ND	0.40	D5	mg/L	10	07/09/2021 1605	07/22/2021 1857	CR

CVAA Dissolved Mercury-E 245.1

**Client:** Rosemont Copper Company  
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**Work Order:** 21G0142  
**Lab Sample ID:** 21G0142-01

**Client Sample ID:** D32-070421  
**Collection Date/Time:** 07/04/2021 1200  
**Matrix:** Storm Water

Analyses	Result	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Mercury	0.000033	0.0010	E4	mg/L	1	07/15/2021 1456	07/15/2021 1911	CR
<b>pH-E150.1</b>								
pH (pH Units)	7.2		H5	-	1	07/08/2021 1530	07/08/2021 1531	CWB
Temperature (°C)	23		H5	-	1	07/08/2021 1530	07/08/2021 1531	CWB
<b>Turbidity-E180.1</b>								
Turbidity	2400	10	H1	NTU	100	07/07/2021 1445	07/07/2021 1505	CWB
<b>ICP Total Metals-E200.7 (4.4)</b>								
Boron	0.27	0.50		mg/L	1	07/13/2021 0750	07/19/2021 1950	MH
Calcium	5200	200		mg/L	10	07/13/2021 0750	07/20/2021 1337	MH
Iron	63	1.5		mg/L	1	07/13/2021 0750	07/19/2021 1949	MH
Magnesium	180	15		mg/L	1	07/13/2021 0750	07/19/2021 1949	MH
Potassium	36	25		mg/L	1	07/13/2021 0750	07/19/2021 1949	MH
Silica	360	10		mg/L	10	07/15/2021 1050	07/20/2021 1234	MH
Sodium	ND	25		mg/L	1	07/13/2021 0750	07/19/2021 1949	MH
<b>ICP/MS Total Metals-E200.8 (5.4)</b>								
Aluminum	80.6	20.0		mg/L	100	07/14/2021 1215	07/19/2021 1644	CR
Antimony	0.0025	0.0025		mg/L	1	07/14/2021 1215	07/19/2021 1154	CR
Arsenic	0.061	0.0025		mg/L	1	07/14/2021 1215	07/19/2021 1154	CR
Barium	0.63	0.0025		mg/L	1	07/14/2021 1215	07/19/2021 1154	CR
Beryllium	ND	0.13		mg/L	100	07/14/2021 1215	07/19/2021 1644	CR
Cadmium	0.0084	0.0013		mg/L	1	07/14/2021 1215	07/19/2021 1154	CR
Chromium	0.14	0.0025	B7	mg/L	1	07/14/2021 1215	07/19/2021 1154	CR
Cobalt	0.0312	0.00125		mg/L	1	07/14/2021 1215	07/19/2021 1154	CR
Copper	0.58	0.0025		mg/L	1	07/14/2021 1215	07/19/2021 1154	CR
Lead	0.49	0.0025		mg/L	1	07/14/2021 1215	07/19/2021 1154	CR
Manganese	5.4	0.13	B7	mg/L	100	07/14/2021 1215	07/19/2021 1644	CR
Molybdenum	0.020	0.0013		mg/L	1	07/14/2021 1215	07/19/2021 1154	CR
Nickel	0.090	0.0025		mg/L	1	07/14/2021 1215	07/19/2021 1154	CR
Selenium	0.019	0.013		mg/L	1	07/14/2021 1215	07/19/2021 1154	CR
Silver	0.0013	0.0025	E4	mg/L	1	07/14/2021 1215	07/19/2021 1154	CR
Thallium	0.0018	0.0025	E4	mg/L	1	07/14/2021 1215	07/19/2021 1154	CR
Uranium	0.0075	0.0025		mg/L	1	07/14/2021 1215	07/19/2021 1154	CR
Zinc	1.1	0.20		mg/L	1	07/14/2021 1215	07/19/2021 1154	CR
<b>CVAA Total Mercury-E245.1</b>								
Mercury	ND	0.0050	E8	mg/L	1	07/13/2021 1311	07/13/2021 1616	CR

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**Matrix:** Storm Water

Analyses	Result	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
<b>Anions by Ion Chromatography-E300.0 (2.1)</b>								
Chloride	3.6	1.0		mg/L	1	07/07/2021 1242	07/07/2021 1444	JG
Fluoride	ND	0.50		mg/L	1	07/07/2021 1242	07/07/2021 1444	JG
Nitrogen, Nitrate (As N)	ND	0.50	H3	mg/L	1	07/07/2021 1242	07/07/2021 1444	JG
Nitrogen, Nitrite (As N)	ND	0.10	H3	mg/L	1	07/07/2021 1242	07/07/2021 1444	JG
Phosphorus, Dissolved Orthophosphate (As P)	ND	0.50	H3, N4	mg/L	1	07/07/2021 1242	07/07/2021 1444	JG
Sulfate	8.5	5.0		mg/L	1	07/07/2021 1242	07/07/2021 1444	JG
<b>Calculation-Ion Balance</b>								
Anion	10.3			meq/L	1	07/26/2021 1622	07/26/2021 1622	KB
Cation	3.24			meq/L	1	07/26/2021 1622	07/26/2021 1622	KB
Cation/Anion, % Difference	52.0			meq/L	1	07/26/2021 1622	07/26/2021 1622	KB
<b>Total Kjeldahl Nitrogen-PAI-DK01</b>								
Nitrogen, Total Kjeldahl	9.7	0.50		mg/L	1	07/08/2021 1600	07/09/2021 1630	JG
<b>Alkalinity-SM2320B</b>								
Alkalinity, Bicarbonate (As CaCO3)	490	2.0		mg/L	1	07/08/2021 1532	07/08/2021 1722	WM
Alkalinity, Carbonate (As CaCO3)	ND	2.0		mg/L	1	07/08/2021 1532	07/08/2021 1722	WM
Alkalinity, Hydroxide (As CaCO3)	ND	2.0		mg/L	1	07/08/2021 1532	07/08/2021 1722	WM
Alkalinity, Total (As CaCO3)	490	2.0		mg/L	1	07/08/2021 1532	07/08/2021 1722	WM
<b>Specific Conductance-SM2510 B</b>								
Conductivity	330	0.10		µmhos/cm	1	07/08/2021 1500	07/08/2021 1550	CWB
<b>Total Dissolved Solids (Residue, Filterable)-SM2540 C</b>								
Total Dissolved Solids (Residue, Filterable)	470	20		mg/L	1	07/08/2021 0917	07/13/2021 1301	WM
<b>Total Suspended Solids (Residue, Non-Filterable)-SM2540 D</b>								
Total Suspended Solids	11000	10		mg/L	1	07/09/2021 0946	07/12/2021 0838	WM
<b>Ammonia as N-SM4500-NH3 B,C</b>								
Nitrogen, Ammonia (As N)	2.6	0.50		mg/L	1	07/08/2021 0840	07/08/2021 1242	JG

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**Client Sample ID:** D32-070421  
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**Matrix:** Storm Water

<b>Analyses</b>	<b>Result</b>	<b>PQL</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Prep Date</b>	<b>Analysis Date</b>	<b>Analyst</b>
Silica-SM4500-SiO2 C								
Silica	6.7	2.0		mg/L	1	07/21/2021 1140	07/21/2021 1504	WM

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**Date Received:** 07/07/2021

**QC Summary**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
<b>Batch 2107069 - E 200.7 (4.4)</b>										
<b>Blank (2107069-BLK1)</b>				Prepared & Analyzed: 07/16/2021						
Boron	0.034	0.10	mg/L							
Calcium	ND	4.0	mg/L							
Iron	ND	0.30	mg/L							
Magnesium	ND	3.0	mg/L							
Potassium	ND	5.0	mg/L							
Silica	0.026	0.20	mg/L							
Sodium	ND	5.0	mg/L							
<b>LCS (2107069-BS1)</b>				Prepared & Analyzed: 07/16/2021						
Boron	0.98	0.10	mg/L	1.000		98	85-115			
Calcium	9.9	4.0	mg/L	10.00		99	85-115			
Iron	0.95	0.30	mg/L	1.000		95	85-115			
Magnesium	9.7	3.0	mg/L	10.00		97	85-115			
Potassium	10	5.0	mg/L	10.00		101	85-115			
Sodium	10	5.0	mg/L	10.00		102	85-115			
<b>LCS (2107069-BS2)</b>				Prepared & Analyzed: 07/19/2021						
Silica	9.4	0.20	mg/L	10.00		94	85-115			
<b>LCS Dup (2107069-BSD1)</b>				Prepared & Analyzed: 07/16/2021						
Boron	0.98	0.10	mg/L	1.000		98	85-115	0.1	20	
Calcium	9.9	4.0	mg/L	10.00		99	85-115	0.2	20	
Iron	0.98	0.30	mg/L	1.000		98	85-115	3	20	
Magnesium	10	3.0	mg/L	10.00		101	85-115	4	20	
Potassium	10	5.0	mg/L	10.00		101	85-115	0.7	20	
Sodium	10	5.0	mg/L	10.00		102	85-115	0.8	20	
<b>LCS Dup (2107069-BSD2)</b>				Prepared & Analyzed: 07/19/2021						
Silica	9.4	0.20	mg/L	10.00		94	85-115	0.1	20	
<b>Matrix Spike (2107069-MS1)</b>				Source: 21G0177-01			Prepared & Analyzed: 07/16/2021			
Boron	1.1		mg/L	1.000	0.10	97	70-130			
Calcium	40		mg/L	10.00	30	97	70-130			
Iron	1.1	0.30	mg/L	1.000	0.032	109	70-130			
Magnesium	15		mg/L	10.00	5.4	98	70-130			
Potassium	23		mg/L	10.00	12	102	70-130			
Sodium	15		mg/L	10.00	5.8	95	70-130			
<b>Matrix Spike (2107069-MS2)</b>				Source: 21G0177-01			Prepared & Analyzed: 07/19/2021			
Silica	23	0.20	mg/L	10.00	14	91	70-130			
<b>Batch 2107123 - E 200.8 (5.4)</b>										

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 Work Order: 21G0142  
 Date Received: 07/07/2021

**QC Summary**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
<b>Batch 2107123 - E 200.8 (5.4)</b>										
<b>Blank (2107123-BLK1)</b>					Prepared: 07/12/2021 Analyzed: 07/23/2021					
Aluminum	ND	0.0400	mg/L							
Antimony	ND	0.00050	mg/L							
Arsenic	ND	0.00050	mg/L							
Barium	ND	0.00050	mg/L							
Beryllium	ND	0.00025	mg/L							
Cadmium	ND	0.00025	mg/L							
Chromium	ND	0.00050	mg/L							
Cobalt	ND	0.00025	mg/L							
Copper	ND	0.00050	mg/L							
Lead	ND	0.00050	mg/L							
Manganese	ND	0.00025	mg/L							
Molybdenum	ND	0.00025	mg/L							
Nickel	ND	0.00050	mg/L							
Selenium	ND	0.0025	mg/L							
Silver	0.00012	0.00050	mg/L							
Thallium	ND	0.00050	mg/L							
Zinc	ND	0.040	mg/L							
<b>LCS (2107123-BS1)</b>					Prepared: 07/12/2021 Analyzed: 07/23/2021					
Aluminum	0.104	0.0400	mg/L	0.1000		104	85-115			
Antimony	0.051	0.00050	mg/L	0.05000		103	85-115			
Arsenic	0.052	0.00050	mg/L	0.05000		104	85-115			
Barium	0.052	0.00050	mg/L	0.05000		103	85-115			
Beryllium	0.049	0.00025	mg/L	0.05000		98	85-115			
Cadmium	0.051	0.00025	mg/L	0.05000		102	85-115			
Chromium	0.050	0.00050	mg/L	0.05000		101	85-115			
Cobalt	0.050	0.00025	mg/L	0.05000		100	85-115			
Copper	0.049	0.00050	mg/L	0.05000		98	85-115			
Lead	0.051	0.00050	mg/L	0.05000		103	85-115			
Manganese	0.052	0.00025	mg/L	0.05000		103	85-115			
Molybdenum	0.051	0.00025	mg/L	0.05000		102	85-115			
Nickel	0.048	0.00050	mg/L	0.05000		97	85-115			
Selenium	0.054	0.0025	mg/L	0.05000		107	85-115			
Silver	0.050	0.00050	mg/L	0.05000		99	85-115			
Thallium	0.052	0.00050	mg/L	0.05000		104	85-115			
Zinc	0.10	0.040	mg/L	0.1000		102	85-115			

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**QC Summary**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
<b>Batch 2107123 - E 200.8 (5.4)</b>										
<b>LCS Dup (2107123-BSD1)</b>				Prepared: 07/12/2021 Analyzed: 07/23/2021						
Aluminum	0.102	0.0400	mg/L	0.1000		102	85-115	1	20	
Antimony	0.052	0.00050	mg/L	0.05000		103	85-115	0.6	20	
Arsenic	0.052	0.00050	mg/L	0.05000		104	85-115	0.07	20	
Barium	0.052	0.00050	mg/L	0.05000		103	85-115	0.2	20	
Beryllium	0.050	0.00025	mg/L	0.05000		100	85-115	2	20	
Cadmium	0.051	0.00025	mg/L	0.05000		102	85-115	0.6	20	
Chromium	0.050	0.00050	mg/L	0.05000		100	85-115	1	20	
Cobalt	0.050	0.00025	mg/L	0.05000		99	85-115	0.7	20	
Copper	0.049	0.00050	mg/L	0.05000		97	85-115	1	20	
Lead	0.051	0.00050	mg/L	0.05000		103	85-115	0.07	20	
Manganese	0.051	0.00025	mg/L	0.05000		102	85-115	0.7	20	
Molybdenum	0.051	0.00025	mg/L	0.05000		101	85-115	0.3	20	
Nickel	0.049	0.00050	mg/L	0.05000		97	85-115	0.3	20	
Selenium	0.052	0.0025	mg/L	0.05000		105	85-115	2	20	
Silver	0.049	0.00050	mg/L	0.05000		98	85-115	1	20	
Thallium	0.052	0.00050	mg/L	0.05000		104	85-115	0.6	20	
Zinc	0.10	0.040	mg/L	0.1000		104	85-115	2	20	
<b>Matrix Spike (2107123-MS1)</b>		<b>Source: 21G0142-01</b>			Prepared: 07/12/2021 Analyzed: 07/23/2021					
Aluminum	1.05	0.400	mg/L	1.000	ND	105	70-130			
Antimony	0.51	0.0050	mg/L	0.5000	0.00098	102	70-130			
Arsenic	0.52	0.0050	mg/L	0.5000	0.0069	103	70-130			
Barium	0.56	0.0050	mg/L	0.5000	0.058	101	70-130			
Beryllium	0.50	0.0025	mg/L	0.5000	ND	101	70-130			
Cadmium	0.50	0.0025	mg/L	0.5000	ND	99	70-130			
Chromium	0.49	0.0050	mg/L	0.5000	0.00040	97	70-130			
Cobalt	0.48	0.0025	mg/L	0.5000	0.0047	96	70-130			
Copper	0.48	0.0050	mg/L	0.5000	0.013	94	70-130			
Lead	0.51	0.0050	mg/L	0.5000	0.0012	101	70-130			
Manganese	0.65	0.0025	mg/L	0.5000	0.15	101	70-130			
Molybdenum	0.50	0.0025	mg/L	0.5000	0.012	99	70-130			
Nickel	0.47	0.0050	mg/L	0.5000	0.0056	93	70-130			
Selenium	0.54	0.025	mg/L	0.5000	ND	107	70-130			
Silver	0.47	0.0050	mg/L	0.5000	0.0019	93	70-130			
Thallium	0.51	0.0050	mg/L	0.5000	ND	102	70-130			
Zinc	1.0	0.40	mg/L	1.000	ND	105	70-130			
<b>Batch 2107145 - E245.1</b>										
<b>Blank (2107145-BLK1)</b>				Prepared & Analyzed: 07/13/2021						
Mercury	ND	0.0010	mg/L							
<b>LCS (2107145-BS1)</b>				Prepared & Analyzed: 07/13/2021						
Mercury	0.0053	0.0010	mg/L	0.005000		105	85-115			
<b>LCS Dup (2107145-BSD1)</b>				Prepared & Analyzed: 07/13/2021						
Mercury	0.0048	0.0010	mg/L	0.005000		97	85-115	9	20	
<b>Matrix Spike (2107145-MS1)</b>		<b>Source: 21G0145-01</b>			Prepared & Analyzed: 07/13/2021					
Mercury	0.0050	0.0010	mg/L	0.005000	ND	100	70-130			

**Client:** Rosemont Copper Company  
**Project:** Baseline Stormwater Monitoring  
**Work Order:** 21G0142  
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**QC Summary**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
<b>Batch 2107145 - E245.1</b>										
<b>Matrix Spike (2107145-MS2)</b>		<b>Source: 21G0209-01</b>			Prepared & Analyzed: 07/13/2021					
Mercury	0.0050	0.0010	mg/L	0.005000	ND	100	70-130			
<b>Matrix Spike Dup (2107145-MSD1)</b>		<b>Source: 21G0145-01</b>			Prepared & Analyzed: 07/13/2021					
Mercury	0.0049	0.0010	mg/L	0.005000	ND	99	70-130	0.7	20	
<b>Matrix Spike Dup (2107145-MSD2)</b>		<b>Source: 21G0209-01</b>			Prepared & Analyzed: 07/13/2021					
Mercury	0.0049	0.0010	mg/L	0.005000	ND	98	70-130	1	20	
<b>Batch 2107157 - E200.7 (4.4)</b>										
<b>Blank (2107157-BLK1)</b>				Prepared: 07/13/2021 Analyzed: 07/14/2021						
Boron	0.037	0.10	mg/L							
Calcium	ND	4.0	mg/L							
Iron	0.0039	0.30	mg/L							
Magnesium	ND	3.0	mg/L							
Potassium	ND	5.0	mg/L							
Sodium	ND	5.0	mg/L							
<b>LCS (2107157-BS1)</b>				Prepared: 07/13/2021 Analyzed: 07/14/2021						
Boron	1.1	0.10	mg/L	1.000		107	85-115			
Calcium	11	4.0	mg/L	10.00		106	85-115			
Iron	1.0	0.30	mg/L	1.000		100	85-115			
Magnesium	11	3.0	mg/L	10.00		108	85-115			
Potassium	11	5.0	mg/L	10.00		106	85-115			
Sodium	11	5.0	mg/L	10.00		106	85-115			
<b>LCS Dup (2107157-BSD1)</b>				Prepared: 07/13/2021 Analyzed: 07/14/2021						
Boron	1.1	0.10	mg/L	1.000		105	85-115	2	20	
Calcium	11	4.0	mg/L	10.00		106	85-115	0.2	20	
Iron	0.99	0.30	mg/L	1.000		99	85-115	1	20	
Magnesium	11	3.0	mg/L	10.00		106	85-115	2	20	
Potassium	10	5.0	mg/L	10.00		104	85-115	2	20	
Sodium	10	5.0	mg/L	10.00		101	85-115	5	20	
<b>Matrix Spike (2107157-MS1)</b>		<b>Source: 21G0012-01</b>			Prepared: 07/13/2021 Analyzed: 07/14/2021					
Boron	1.3	0.10	mg/L	1.000	0.23	104	70-130			
Calcium	47	4.0	mg/L	10.00	39	79	70-130			
Iron	1.1	0.30	mg/L	1.000	0.17	97	70-130			
Magnesium	15	3.0	mg/L	10.00	5.3	97	70-130			
Potassium	15	5.0	mg/L	10.00	5.1	100	70-130			
Sodium	110	5.0	mg/L	10.00	110	79	70-130			
<b>Matrix Spike (2107157-MS2)</b>		<b>Source: 21G0238-01</b>			Prepared: 07/13/2021 Analyzed: 07/19/2021					
Boron	1.4	0.10	mg/L	1.000	0.46	99	70-130			
Calcium	12	4.0	mg/L	10.00	1.6	105	70-130			
Iron	1.0	0.30	mg/L	1.000	ND	101	70-130			
Magnesium	12	3.0	mg/L	10.00	1.4	103	70-130			
Potassium	16	5.0	mg/L	10.00	4.2	113	70-130			
<b>Batch 2107179 - E 245.1</b>										

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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
<b>Batch 2107179 - E 245.1</b>										
<b>Blank (2107179-BLK1)</b>				Prepared & Analyzed: 07/15/2021						
Mercury	0.000020	0.0010	mg/L							
<b>LCS (2107179-BS1)</b>				Prepared & Analyzed: 07/15/2021						
Mercury	0.0049	0.0010	mg/L	0.005000		98	85-115			
<b>LCS Dup (2107179-BSD1)</b>				Prepared & Analyzed: 07/15/2021						
Mercury	0.0048	0.0010	mg/L	0.005000		96	85-115	2	20	
<b>Matrix Spike (2107179-MS1)</b>				Source: 21G0177-01			Prepared & Analyzed: 07/15/2021			
Mercury	0.0044	0.0010	mg/L	0.005000	0.000028	86	70-130			
<b>Matrix Spike Dup (2107179-MSD1)</b>				Source: 21G0177-01			Prepared & Analyzed: 07/15/2021			
Mercury	0.0050	0.0010	mg/L	0.005000	0.000028	99	70-130	13	20	
<b>Batch 2107187 - E200.7 (4.4)</b>										
<b>Blank (2107187-BLK1)</b>				Prepared: 07/15/2021 Analyzed: 07/20/2021						
Silica	0.021	0.20	mg/L							
<b>LCS (2107187-BS2)</b>				Prepared: 07/15/2021 Analyzed: 07/20/2021						
Silica	9.9	0.20	mg/L	10.00		99	85-115			
<b>LCS Dup (2107187-BSD2)</b>				Prepared: 07/15/2021 Analyzed: 07/20/2021						
Silica	10	0.20	mg/L	10.00		100	85-115	0.9	20	
<b>Matrix Spike (2107187-MS3)</b>				Source: 21G0319-03			Prepared: 07/15/2021 Analyzed: 07/20/2021			
Silica	290	5.0	mg/L	10.00	280	152	70-130			M3
<b>Batch 2107194 - E200.8 (5.4)</b>										
<b>Blank (2107194-BLK1)</b>				Prepared: 07/14/2021 Analyzed: 07/19/2021						
Aluminum	ND	0.0400	mg/L							
Antimony	ND	0.00050	mg/L							
Arsenic	ND	0.00050	mg/L							
Barium	ND	0.00050	mg/L							
Beryllium	ND	0.00025	mg/L							
Cadmium	ND	0.00025	mg/L							
Chromium	0.00056	0.00050	mg/L							B1
Cobalt	ND	0.000250	mg/L							
Copper	ND	0.00050	mg/L							
Lead	ND	0.00050	mg/L							
Manganese	0.00032	0.00025	mg/L							B1
Molybdenum	ND	0.00025	mg/L							
Nickel	ND	0.00050	mg/L							
Selenium	ND	0.0025	mg/L							
Silver	ND	0.00050	mg/L							
Thallium	ND	0.00050	mg/L							
Uranium	ND	0.00050	mg/L							
Zinc	ND	0.040	mg/L							

Client: Rosemont Copper Company  
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**QC Summary**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
<b>Batch 2107194 - E200.8 (5.4)</b>										
<b>LCS (2107194-BS1)</b>					Prepared: 07/14/2021 Analyzed: 07/19/2021					
Aluminum	0.114	0.0400	mg/L	0.1000		114	85-115			
Antimony	0.051	0.00050	mg/L	0.05000		103	85-115			
Arsenic	0.051	0.00050	mg/L	0.05000		102	85-115			
Barium	0.049	0.00050	mg/L	0.05000		98	85-115			
Beryllium	0.052	0.00025	mg/L	0.05000		104	85-115			
Cadmium	0.050	0.00025	mg/L	0.05000		99	85-115			
Chromium	0.051	0.00050	mg/L	0.05000		101	85-115			
Cobalt	0.0490	0.000250	mg/L	0.05000		98	85-115			
Copper	0.050	0.00050	mg/L	0.05000		100	85-115			
Lead	0.049	0.00050	mg/L	0.05000		98	85-115			
Manganese	0.049	0.00025	mg/L	0.05000		98	85-115			
Molybdenum	0.049	0.00025	mg/L	0.05000		97	85-115			
Nickel	0.049	0.00050	mg/L	0.05000		98	85-115			
Selenium	0.054	0.0025	mg/L	0.05000		109	85-115			
Silver	0.051	0.00050	mg/L	0.05000		102	85-115			
Thallium	0.048	0.00050	mg/L	0.05000		95	85-115			
Uranium	0.048	0.00050	mg/L	0.05000		95	85-115			
Zinc	0.11	0.040	mg/L	0.1000		112	85-115			
<b>LCS Dup (2107194-BS1)</b>					Prepared: 07/14/2021 Analyzed: 07/19/2021					
Aluminum	0.106	0.0400	mg/L	0.1000		106	85-115	8	20	
Antimony	0.052	0.00050	mg/L	0.05000		103	85-115	0.3	20	
Arsenic	0.051	0.00050	mg/L	0.05000		103	85-115	0.2	20	
Barium	0.049	0.00050	mg/L	0.05000		98	85-115	0.1	20	
Beryllium	0.052	0.00025	mg/L	0.05000		103	85-115	0.4	20	
Cadmium	0.050	0.00025	mg/L	0.05000		100	85-115	1	20	
Chromium	0.050	0.00050	mg/L	0.05000		100	85-115	1	20	
Cobalt	0.0488	0.000250	mg/L	0.05000		98	85-115	0.5	20	
Copper	0.050	0.00050	mg/L	0.05000		100	85-115	0.02	20	
Lead	0.049	0.00050	mg/L	0.05000		98	85-115	0.2	20	
Manganese	0.049	0.00025	mg/L	0.05000		97	85-115	0.2	20	
Molybdenum	0.049	0.00025	mg/L	0.05000		98	85-115	0.5	20	
Nickel	0.048	0.00050	mg/L	0.05000		97	85-115	0.6	20	
Selenium	0.055	0.0025	mg/L	0.05000		110	85-115	1	20	
Silver	0.051	0.00050	mg/L	0.05000		102	85-115	0.3	20	
Thallium	0.047	0.00050	mg/L	0.05000		95	85-115	0.6	20	
Uranium	0.048	0.00050	mg/L	0.05000		95	85-115	0.05	20	
Zinc	0.11	0.040	mg/L	0.1000		109	85-115	2	20	

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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
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Batch 2107194 - E200.8 (5.4)

Matrix Spike (2107194-MS1)	Source: 21G0196-01			Prepared: 07/14/2021 Analyzed: 07/19/2021						
Aluminum	0.125	0.0400	mg/L	0.1000	0.0321	93	70-130			
Antimony	0.051	0.00050	mg/L	0.05000	0.00016	101	70-130			
Arsenic	0.051	0.00050	mg/L	0.05000	0.00052	101	70-130			
Barium	0.16	0.00050	mg/L	0.05000	0.11	97	70-130			
Beryllium	0.048	0.00025	mg/L	0.05000	0.000035	97	70-130			
Cadmium	0.048	0.00025	mg/L	0.05000	ND	96	70-130			
Chromium	0.051	0.00050	mg/L	0.05000	0.0046	93	70-130			
Cobalt	0.0472	0.000250	mg/L	0.05000	0.00123	92	70-130			
Copper	0.096	0.00050	mg/L	0.05000	0.053	85	70-130			
Lead	0.063	0.00050	mg/L	0.05000	0.013	101	70-130			
Manganese	0.24	0.00025	mg/L	0.05000	0.20	89	70-130			
Molybdenum	0.051	0.00025	mg/L	0.05000	0.0013	100	70-130			
Nickel	0.046	0.00050	mg/L	0.05000	0.0026	88	70-130			
Selenium	0.053	0.0025	mg/L	0.05000	0.00061	104	70-130			
Silver	0.040	0.00050	mg/L	0.05000	ND	79	70-130			
Thallium	0.049	0.00050	mg/L	0.05000	0.00015	98	70-130			
Uranium	0.067	0.00050	mg/L	0.05000	0.015	105	70-130			
Zinc	0.22	0.040	mg/L	0.1000	0.12	101	70-130			

Matrix Spike (2107194-MS2)	Source: 21G0239-01			Prepared: 07/14/2021 Analyzed: 07/19/2021						
Aluminum	0.141	0.0400	mg/L	0.1000	0.0509	90	70-130			
Antimony	0.055	0.00050	mg/L	0.05000	0.00026	109	70-130			
Arsenic	0.062	0.00050	mg/L	0.05000	0.012	100	70-130			
Barium	0.12	0.00050	mg/L	0.05000	0.070	97	70-130			
Beryllium	0.051	0.00025	mg/L	0.05000	ND	102	70-130			
Cadmium	0.045	0.00025	mg/L	0.05000	ND	90	70-130			
Chromium	0.056	0.00050	mg/L	0.05000	0.0096	93	70-130			
Cobalt	0.0433	0.000250	mg/L	0.05000	0.000888	85	70-130			
Copper	0.070	0.00050	mg/L	0.05000	0.033	75	70-130			
Lead	0.050	0.00050	mg/L	0.05000	0.00022	100	70-130			
Manganese	0.052	0.00025	mg/L	0.05000	0.0079	89	70-130			
Molybdenum	0.076	0.00025	mg/L	0.05000	0.025	102	70-130			
Nickel	0.044	0.00050	mg/L	0.05000	0.0049	78	70-130			
Selenium	0.054	0.0025	mg/L	0.05000	0.0083	92	70-130			
Silver	0.042	0.00050	mg/L	0.05000	ND	84	70-130			
Thallium	0.048	0.00050	mg/L	0.05000	0.00018	96	70-130			
Uranium	0.060	0.00050	mg/L	0.05000	0.0063	108	70-130			
Zinc	0.12	0.040	mg/L	0.1000	0.031	89	70-130			

**Client:** Rosemont Copper Company  
**Project:** Baseline Stormwater Monitoring  
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**QC Summary**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Qual
<b>Batch 2107080 - SM2540 C</b>									
<b>Duplicate (2107080-DUP1)</b>		<b>Source: 21G0143-01</b>		Prepared: 07/08/2021 Analyzed: 07/13/2021					
Total Dissolved Solids (Residue, Filterable)	240	20	mg/L		240		0.8	5	
<b>Duplicate (2107080-DUP2)</b>		<b>Source: 21G0010-01</b>		Prepared: 07/08/2021 Analyzed: 07/13/2021					
Total Dissolved Solids (Residue, Filterable)	1200	20	mg/L		1200		0.3	5	H1
<b>Batch 2107081 - SM2320B</b>									
<b>Blank (2107081-BLK1)</b>		Prepared & Analyzed: 07/08/2021							
Alkalinity, Bicarbonate (As CaCO3)	ND	2.0	mg/L						
Alkalinity, Carbonate (As CaCO3)	ND	2.0	mg/L						
Alkalinity, Hydroxide (As CaCO3)	ND	2.0	mg/L						
Alkalinity, Total (As CaCO3)	ND	2.0	mg/L						
<b>LCS (2107081-BS1)</b>		Prepared & Analyzed: 07/08/2021							
Alkalinity, Total (As CaCO3)	240	2.0	mg/L	250.0		96	90-110		
<b>LCS Dup (2107081-BSD1)</b>		Prepared & Analyzed: 07/08/2021							
Alkalinity, Total (As CaCO3)	240	2.0	mg/L	250.0		96	90-110	0	10
<b>Matrix Spike (2107081-MS1)</b>		<b>Source: 21G0209-01</b>		Prepared & Analyzed: 07/08/2021					
Alkalinity, Total (As CaCO3)	400	2.0	mg/L	250.0	160	93	70-130		
<b>Matrix Spike Dup (2107081-MSD1)</b>		<b>Source: 21G0209-01</b>		Prepared & Analyzed: 07/08/2021					
Alkalinity, Total (As CaCO3)	400	2.0	mg/L	250.0	160	93	70-130	0	10
<b>Batch 2107086 - E180.1</b>									
<b>Duplicate (2107086-DUP1)</b>		<b>Source: 21G0087-01</b>		Prepared & Analyzed: 07/07/2021					
Turbidity	0.15	0.10	NTU		0.15			0	10
<b>Batch 2107091 - SM4500-NH3 B,C</b>									
<b>Blank (2107091-BLK1)</b>		Prepared & Analyzed: 07/08/2021							
Nitrogen, Ammonia (As N)	ND	0.50	mg/L						
<b>LCS (2107091-BS1)</b>		Prepared & Analyzed: 07/08/2021							
Nitrogen, Ammonia (As N)	5.1	0.50	mg/L	5.000		102	90-110		
<b>LCS Dup (2107091-BSD1)</b>		Prepared & Analyzed: 07/08/2021							
Nitrogen, Ammonia (As N)	5.1	0.50	mg/L	5.000		102	90-110	0	10
<b>Matrix Spike (2107091-MS1)</b>		<b>Source: 21F0553-01</b>		Prepared & Analyzed: 07/08/2021					
Nitrogen, Ammonia (As N)	5.7	0.50	mg/L	5.000	0.69	99	75-120		
<b>Matrix Spike (2107091-MS2)</b>		<b>Source: 21F0611-01</b>		Prepared & Analyzed: 07/08/2021					
Nitrogen, Ammonia (As N)	5.3	0.50	mg/L	5.000	0.45	96	75-120		
<b>Matrix Spike Dup (2107091-MSD1)</b>		<b>Source: 21F0553-01</b>		Prepared & Analyzed: 07/08/2021					
Nitrogen, Ammonia (As N)	5.5	0.50	mg/L	5.000	0.69	96	75-120	3	20
<b>Matrix Spike Dup (2107091-MSD2)</b>		<b>Source: 21F0611-01</b>		Prepared & Analyzed: 07/08/2021					
Nitrogen, Ammonia (As N)	5.4	0.50	mg/L	5.000	0.45	100	75-120	3	20

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**QC Summary**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
<b>Batch 2107093 - SM2510 B</b>										
<b>LCS (2107093-BS1)</b>				Prepared & Analyzed: 07/08/2021						
Conductivity	140	0.10	µmhos/cm	141.2		100	0-200			
<b>LCS Dup (2107093-BSD1)</b>				Prepared & Analyzed: 07/08/2021						
Conductivity	150	0.10	µmhos/cm	141.2		103	0-200	3	200	
<b>Duplicate (2107093-DUP1)</b>		<b>Source: 21F0690-01</b>		Prepared & Analyzed: 07/08/2021						
Conductivity	410	0.10	µmhos/cm		400			2	10	
<b>Batch 2107095 - E150.1</b>										
<b>Duplicate (2107095-DUP1)</b>		<b>Source: 21G0142-01</b>		Prepared & Analyzed: 07/08/2021						
pH (pH Units)	7.2		-		7.2			0.1	200	H5
Temperature (°C)	23		-		23			0	200	H5
<b>Batch 2107100 - SM2540 D</b>										
<b>Duplicate (2107100-DUP1)</b>		<b>Source: 21G0010-01</b>		Prepared: 07/09/2021 Analyzed: 07/12/2021						
Total Suspended Solids	ND	10	mg/L		ND				5	Q9, R12
<b>Duplicate (2107100-DUP2)</b>		<b>Source: 21G0218-02</b>		Prepared: 07/09/2021 Analyzed: 07/12/2021						
Total Suspended Solids	ND	10	mg/L		ND				5	Q9, R12
<b>Batch 2107120 - PAI-DK01</b>										
<b>Blank (2107120-BLK1)</b>				Prepared: 07/08/2021 Analyzed: 07/09/2021						
Nitrogen, Total Kjeldahl	ND	0.50	mg/L							
<b>LCS (2107120-BS1)</b>				Prepared: 07/08/2021 Analyzed: 07/09/2021						
Nitrogen, Total Kjeldahl	5.1	0.50	mg/L	5.000		103	80-120			
<b>LCS Dup (2107120-BSD1)</b>				Prepared: 07/08/2021 Analyzed: 07/09/2021						
Nitrogen, Total Kjeldahl	5.0	0.50	mg/L	5.000		101	80-120	2	20	
<b>Matrix Spike (2107120-MS1)</b>		<b>Source: 21G0010-01</b>		Prepared: 07/08/2021 Analyzed: 07/09/2021						
Nitrogen, Total Kjeldahl	6.2	0.50	mg/L	5.000	1.4	95	80-120			
<b>Matrix Spike (2107120-MS2)</b>		<b>Source: 21G0078-02</b>		Prepared: 07/08/2021 Analyzed: 07/09/2021						
Nitrogen, Total Kjeldahl	5.2	0.50	mg/L	5.000	0.46	95	80-120			
<b>Matrix Spike Dup (2107120-MSD1)</b>		<b>Source: 21G0010-01</b>		Prepared: 07/08/2021 Analyzed: 07/09/2021						
Nitrogen, Total Kjeldahl	6.5	0.50	mg/L	5.000	1.4	101	80-120	5	20	
<b>Matrix Spike Dup (2107120-MSD2)</b>		<b>Source: 21G0078-02</b>		Prepared: 07/08/2021 Analyzed: 07/09/2021						
Nitrogen, Total Kjeldahl	5.2	0.50	mg/L	5.000	0.46	94	80-120	0.4	20	
<b>Batch 2107243 - SM4500-SiO2 C</b>										
<b>Blank (2107243-BLK1)</b>				Prepared & Analyzed: 07/21/2021						
Silica	ND	2.0	mg/L							
<b>LCS (2107243-BS1)</b>				Prepared & Analyzed: 07/21/2021						
Silica	8.3	2.0	mg/L	8.000		103	90-110			

Client: Rosemont Copper Company  
 Project: Baseline Stormwater Monitoring  
 Work Order: 21G0142  
 Date Received: 07/07/2021

**QC Summary**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
<b>Batch 2107243 - SM4500-SiO2 C</b>										
<b>LCS Dup (2107243-BSD1)</b>				Prepared & Analyzed: 07/21/2021						
Silica	8.3	2.0	mg/L	8.000		103	90-110	0	20	
<b>Matrix Spike (2107243-MS1)</b>				Source: 21G0177-01		Prepared & Analyzed: 07/21/2021				
Silica	54	10	mg/L	40.00	14	100	85-115			
<b>Matrix Spike Dup (2107243-MSD1)</b>				Source: 21G0177-01		Prepared & Analyzed: 07/21/2021				
Silica	54	10	mg/L	40.00	14	98	85-115	1	20	

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**QC Summary**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
<b>Batch 2107065 - E300.0 (2.1)</b>										
<b>Blank (2107065-BLK1)</b>				Prepared & Analyzed: 07/07/2021						
Chloride	ND	1.0	mg/L							
Fluoride	ND	0.50	mg/L							
Nitrogen, Nitrate (As N)	ND	0.50	mg/L							
Nitrogen, Nitrite (As N)	ND	0.10	mg/L							
Phosphorus, Dissolved Orthophosphate (As P)	ND	0.50	mg/L							
Sulfate	ND	5.0	mg/L							
<b>LCS (2107065-BS1)</b>				Prepared & Analyzed: 07/07/2021						
Chloride	12	1.0	mg/L	12.50		95	90-110			
Fluoride	2.0	0.50	mg/L	2.000		99	90-110			
Nitrogen, Nitrate (As N)	5.0	0.50	mg/L	5.000		100	90-110			
Nitrogen, Nitrite (As N)	2.5	0.10	mg/L	2.500		101	90-110			
Phosphorus, Dissolved Orthophosphate (As P)	2.3	0.50	mg/L	2.500		93	90-110			
Sulfate	12	5.0	mg/L	12.50		96	90-110			
<b>LCS Dup (2107065-BSD1)</b>				Prepared & Analyzed: 07/07/2021						
Chloride	12	1.0	mg/L	12.50		94	90-110	0.6	10	
Fluoride	2.0	0.50	mg/L	2.000		98	90-110	1	10	
Nitrogen, Nitrate (As N)	5.0	0.50	mg/L	5.000		100	90-110	0.6	10	
Nitrogen, Nitrite (As N)	2.5	0.10	mg/L	2.500		100	90-110	0.5	10	
Phosphorus, Dissolved Orthophosphate (As P)	2.4	0.50	mg/L	2.500		95	90-110	2	10	
Sulfate	12	5.0	mg/L	12.50		94	90-110	1	10	
<b>Matrix Spike (2107065-MS1)</b>				Source: 21G0112-01		Prepared: 07/07/2021 Analyzed: 07/14/2021				
Chloride	19	1.0	mg/L	12.50	6.9	96	80-120			
Fluoride	1.9	0.50	mg/L	2.000	ND	96	80-120			
Nitrogen, Nitrate (As N)	7.0	0.50	mg/L	5.000	1.9	102	80-120			
Nitrogen, Nitrite (As N)	2.6	0.10	mg/L	2.500	ND	102	80-120			
Phosphorus, Dissolved Orthophosphate (As P)	2.7	0.50	mg/L	2.500	ND	110	80-120			
Sulfate	22	5.0	mg/L	12.50	10	93	80-120			
<b>Matrix Spike (2107065-MS2)</b>				Source: 21G0121-01		Prepared: 07/07/2021 Analyzed: 07/14/2021				
Fluoride	1.8	0.50	mg/L	2.000	ND	91	80-120			
Nitrogen, Nitrate (As N)	5.2	0.50	mg/L	5.000	0.22	99	80-120			
Nitrogen, Nitrite (As N)	2.6	0.10	mg/L	2.500	ND	103	80-120			
<b>Matrix Spike Dup (2107065-MSD1)</b>				Source: 21G0112-01		Prepared: 07/07/2021 Analyzed: 07/14/2021				
Chloride	19	1.0	mg/L	12.50	6.9	97	80-120	0.3	10	
Fluoride	1.9	0.50	mg/L	2.000	ND	97	80-120	0.9	10	
Nitrogen, Nitrate (As N)	7.0	0.50	mg/L	5.000	1.9	103	80-120	0.5	10	
Nitrogen, Nitrite (As N)	2.6	0.10	mg/L	2.500	ND	103	80-120	0.2	10	
Phosphorus, Dissolved Orthophosphate (As P)	2.6	0.50	mg/L	2.500	ND	103	80-120	6	10	

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**QC Summary**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
<b>Batch 2107065 - E300.0 (2.1)</b>										
<b>Matrix Spike Dup (2107065-MSD2)</b>		<b>Source: 21G0121-01</b>			Prepared: 07/07/2021 Analyzed: 07/14/2021					
Fluoride	1.8	0.50	mg/L	2.000	ND	90	80-120	0.2	10	
Nitrogen, Nitrate (As N)	5.2	0.50	mg/L	5.000	0.22	100	80-120	0.8	10	
Nitrogen, Nitrite (As N)	2.6	0.10	mg/L	2.500	ND	104	80-120	1	10	

